



ABSTRACT OF THE DISCLOSURE

[0031] An apparatus for trimming scrap from an aluminum sheet metal blank is provided. The apparatus includes a clamping base comprising a clamping base engagement surface positioned between a clamping base upper surface and a clamping base bottom surface. The clamping base engagement has a clamping base vertically orientated portion and a clamping base angled portion. A steady blade is mounted to the clamping base. The steady blade and the clamping base form a contiguous angled engagement surface. The steady blade engagement surface forms a steady blade trimming edge. An elastic scrap support and an upper clamping element are included. A moving blade includes a moving blade trimming edge formed by the intersection of the moving blade blade-side surface and the moving blade engagement surface. The moving blade engagement surface distributing strain on the aluminum blank as the moving blade trimming edge separates the scrap element from the aluminum blank.